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165375

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
PROJECT Solutia Sauget Area 1 Sauget, IL	REPORT NO.	099
CONTRACTOR	DATE	1 February, 00
O'Brien Gere	CONTRACT NO.	
	WEATHER	Cloudy, Temp. 38°F
<p>CQC Inspection phases attended and instruction given:</p> <ol style="list-style-type: none"> 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location. 2) Sediment Sampling: Continue sampling CS-C and CS-B (Weston took splits at CSB-S1 and CSB-S2) 3) Background Sampling: Complete 		
<p>Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.</p> <ol style="list-style-type: none"> 1) Ice, cold weather, and deep water are hindering sampling efforts. 		
<p>Verbal instruction given to contractor: (Include names, reactions and remarks)</p> <ol style="list-style-type: none"> 1) None 		
<p>Has anything developed on the work, which might lead to a change order or finding of fact? NO <u>YES</u></p> <ol style="list-style-type: none"> 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger (USACE) and Michael McAteer (USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70. 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area. 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment. 		
<p>Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.</p> <ol style="list-style-type: none"> 1) Sample location 35 in CS-F was not taken due to no sediment recovery. This station will be skipped until further notice. 		

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

Mike McAteer has an appointment to meet with Wiese's lawyer next week to discuss access to the property.

INSPECTORS'S SIGNATURE

DATE

SUPERVISOR'S
INITIALS

DATE

02-01-00

SAFETY MEETING FORM (sediment sampling)

DATE 01 FEB 00

CONDUCTED BY / COMPANY: DE Haverdink / O'Brien + Gore

PROJECT NAME Solutio - Saugat Area PROJECT LOCATION CS-C + B

WEATHER partly cloudy PRECIPITATION none TEMPERATURE -26°F

NUMBER OF HOURS WORKED — NUMBER OF EMPLOYEES —

- 1 SCHEDULED WORK:
- 2 REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
- 3 HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
- 4 SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
- 5 COMMENTS:

- ① Sediment sampling + sed. depth measurements
- ② FSP # 5.20 HASP # 2.9
- ③ Potential contact with impacted sediment + water; breathing of impacted vapors; slips / trips / falls into water or down the bank; muscle strain; cold weather effects
- ④ PPE is level D with rubber boots or waders (depending on creek conditions) and, trucks or aprons during sampling, chemical resistant gloves, air monitoring in breathing zone using the PID, life vests in water over 2 ft. deep, warming breaks as appropriate
- ⑤ Segregate wastes, gross equip. decon before leaving creek, drive with caution in the area, seeking in support vehicles only.

ATTENDANCE		
EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
CHAD KERTER	<i>[Signature]</i>	OBG
Mike Reece	<i>[Signature]</i>	OBG
Colin Wellenkamp	<i>[Signature]</i>	OBG
Adam Kaiser	<i>[Signature]</i>	OBG
Nick Jenkins	<i>[Signature]</i>	OBG
Sgt. Andrew T. Lape 74	<i>[Signature]</i>	CaloKia P.D.

cc: K. Pitty 01 FEB 00
E. Kemper @ 1800

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Haverdink / DE Haverdink
PRINTED NAME / SIGNATURE OF PREPARER

01 FEB 00
DATE

SITE VISITOR LOG

Solutia Inc.
8auget Area 1
(Please Print)

[illegible]

W. B+C

sed. samp

[illegible]

DAILY WORK LOG

DATE 01 FEB 00

PROJECT NAME Solutra - Sargat Area 1

PROJECT LOCATION CS-B+C

WEATHER partly cloudy

PRECIPITATION none

TEMPERATURE ~38°F

NUMBER OF HOURS WORKED 58

NUMBER OF EMPLOYEES 7

- 1 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)
- 2 INSTRUCTIONS RECEIVED FROM SOLUTIA
- 3 INSTRUCTIONS RECEIVED FROM USEPA
- 4 DEVIATIONS
- 5 VISITORS (NAMES & TITLES)
- 6 EQUIPMENT
- 7 LUNCH MEETING COMMENTS:
- 8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
- 9 REMARKS:

- ① • Performed sed. depth measurements and collected sed. samples at 58-512 in CS-C ; collected field dup. at 59+511 ; collected MS/MSD at 510
• Performed sed. depth measurements and collected sed. samples at 51-55 in CS-B ; collected split samples (w/ E. Kemper) at 52+53

- ② None
- ③ None
- ④ None

- ⑤ See visitors log

- ⑥ Support vehicles, H&S equip., samp equip., monitoring equip.

- ⑦ None
- ⑧ None
- ⑨ None

cc: K. Perry 01 FEB00
E. Kemper @ 1800

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Howard m/ DE Howard m/ 01 FEB 00
PRINTED NAME / SIGNATURE OF PREPARER / DATE

WORK FORECAST

Work Forecast for the day/week: 2/2/00

Date: 2/1/00

Project Name: SOLUTIA - SAUGET AREA

Project Location: CS-B, BORROW PIT LAKE

Company Name: O'BRIEN + GERE

1. List Work Items and Locations Scheduled for Next Day/Week:

- CONTINUE SEDIMENT SAMPLING AND SEDIMENT DEPTH MEASUREMENT IN CS-B
- POTENTIALLY COLLECT SEDIMENT SAMPLES IN BORROW PIT LAKE

CC: K. Perry 01/FEB/00
E. Kemper @1800

CHAD KRIETER  2/1/00

Name/Signature/Date of Preparer

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	100
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	2 February, 00
	CONTRACT NO.	
CONTRACTOR O'Brien Gere	WEATHER	Cloudy, Temp. 42°F
CQC Inspection phases attended and instruction given: 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location. 2) Sediment Sampling: OBG Sampled CSB-S10 (Weston Split) also returned to CS-D-S1 and CS-F-S35 This Completes Dead Creek Sediment Sampling. 3) Background Sampling: Complete		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. 1) None		
Verbal instruction given to contractor: (Include names, reactions and remarks) 1) None		
Has anything developed on the work, which might lead to a change order or finding of fact? NO <u>YES</u> 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger (USACE) and Michael McAteer (USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70. 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area. 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.		
Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc. 1) Sample location 35 in CS-F was not taken due to no sediment recovery. This station will be skipped until further notice. These samples were taken today		

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

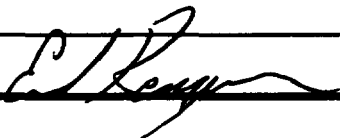
REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

INSPECTORS'S SIGNITURE

DATE

SUPERVISOR'S
INITIALS

DATE



02-02-00

DAILY WORK LOG

DATE 02 FEB 00

PROJECT NAME Solutia - Sanger Area

PROJECT LOCATION

CS-B, D, F

WEATHER partly cloudy

PRECIPITATION

none

TEMPERATURE

~42°F

NUMBER OF HOURS WORKED

62

NUMBER OF EMPLOYEES

7

1 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)

2 INSTRUCTIONS RECEIVED FROM SOLUTIA

3 INSTRUCTIONS RECEIVED FROM USEPA

4 DEVIATIONS

5 VISITORS (NAMES & TITLES)

6 EQUIPMENT

7 LUNCH MEETING COMMENTS:

8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)

9 REMARKS:

① Collected sed. samples from the following locations:

- CS-R → 56-510 ; MS/MSD @ 59 ; FD @ 510 ; split samp. w/
E. Kasper @ 510
- CS-D → 51
- CS-F → 535

② None

③ None

④ None

⑤ See visitors log

⑥ Samp. equip., H&S equip., monitoring equip., support vehicles

⑦ None

⑧ None

⑨ None

CC: K. Pomy 02 FEB 00
E. Kasper C 1800

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DeHavens, D.E. / 02 FEB 00
PRINTED NAME / SIGNATURE OF PREPARER / DATE

SAFETY MEETING FORM (sediment sampling)

CONDUCTED BY / COMPANY: DE Haverdink / O'Brien + Gere DATE 02 FEB 00
 PROJECT NAME Solutia - Saugee Area PROJECT LOCATION C5-B, Brown pit lake
 WEATHER clear PRECIPITATION none TEMPERATURE ~12°F
 NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:

- ① Sediment sampling + sed. depth measurement
- ② FSP # 5.20 HASP # 2.9
- ③ Potential contact with impacted sediment + water; breathing of impacted vapors; slips / trips / falls into water or down the bank; muscle strain; cold weather effects
- ④ PPE is level D with rubber boots or waders (depending on creek conditions) pants, trucks or aprons during sampling, chemical resistant gloves, air monitoring in breathing zone using the PID, life vests in water over 2 ft. deep, warning breakers as appropriate
- ⑤ Segregate wastes, gross equip. decon before leaving creek, drive with caution in the area, smoking in support vehicles only.

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
Kimberly Perry	<i>[Signature]</i>	Solutia
Carol W. Lankford	<i>[Signature]</i>	OAC
CHAD KRETER	<i>[Signature]</i>	OAC
Mike Reese	<i>[Signature]</i>	OAC
Mark Jenkins	<i>[Signature]</i>	OAC
John S. K. [unclear]	<i>[Signature]</i>	OAC
DAVID HENNE	<i>[Signature]</i>	Chabok PA

CC: K. Perry 02 FEB 00
 E. Kemper C 1800

IF ADDITIONAL SPACE IS REQUIRED,
 RECORD ON REVERSE SIDE

DE Haverdink / DE Haverdink
 PRINTED NAME / SIGNATURE OF PREPARER

02 FEB 00
 DATE

WORK FORECAST

Work Forecast for the day/week: 03 FEB 00

Date: 02 FEB 00

Project Name: Solutia - Sargent Area 1

Project Location: Borrow pit lake; Site N

Company Name: O B G

1. List Work Items and Locations Scheduled for Next Day/Week:

- Collect sed. samples in borrow pit lake
- Lay out boundary trenches on Site N

CC: K. Perry 02 FEB 00
E. Kemper @ 1800

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Hardin / DE Hardin 02 FEB 00
Name/Signature/Date of Preparer

SITE VISITOR LOG

Solutia Inc.
Sauget Area 1
(Please Print)

[illegible]

SITE VISITOR LOG

Solutia Inc.
Sauget Area 1
(Please Print)

[illegible]

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - MILITARY (ER
415-1-302)**

**THE OCR WILL BE ATTACHED TO OR FILED WITH THE
QAR.**

REPORT NO.

101

PROJECT

Solutia Sauget Area 1
Sauget, IL

DATE

3 February, 00

CONTRACT NO.

CONTRACTOR

O'Brien Gere

WEATHER

Cloudy, Temp. 42°F

CQC Inspection phases attended and instruction given:

- 1) **Slug Testing:** all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) **Sediment Sampling:** Borrow Pit Lake Sampling (Weston Split BPL-S5)
- 3) **Background Sampling:** Complete

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

- 1) None

Verbal instruction given to contractor: (Include names, reactions and remarks)

- 1) None

Has anything developed on the work, which might lead to a change order or finding of fact? NO YES

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger (USACE) and Michael McAteer (USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) Sample location 35 in CS-F was not taken due to no sediment recovery. This station will be skipped until further notice. These samples were taken today

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

INSPECTORS'S SIGNITURE

DATE

SUPERVISOR'S
INITIALS

DATE

02-03-00

DAILY WORK LOG

DATE 02-03-00

PROJECT NAME Sauget Area 1

PROJECT LOCATION Sauget IL

WEATHER Cloudy

PRECIPITATION none

TEMPERATURE _____

NUMBER OF HOURS WORKED 48

NUMBER OF EMPLOYEES 5

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)

2. INSTRUCTIONS RECEIVED FROM SOLUT A

3. INSTRUCTIONS RECEIVED FROM USEPA

4. DEVIATIONS

5. VISITORS (NAMES & TITLES)

6. EQUIPMENT

7. LUNCH MEETING COMMENTS

8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)

9. REMARKS

1.) 4 member team collected sediment samples in bassett lake, FASED-BPL-S1 through FASED-BPL-S53 collected duplicate and mixed samples, split sample FASED-BPL-S53 FTW/Eric Kemper Stake trench locations in site N

Zarnbrana Engineering (Surveyor) begins Creek cross-sections starting at CSE-S1 and going north

checked water drums stored at Judith home, still frozen

picked up 10 boxes of DI water at ABE office and brought to Site K

2.) none

3.) none

4.) none

5.) see visitors log

6.) Sampling equipment (stakes & pushers), PPE, PID, Support vehicles

7.) none

8.) none

9.) none

CC: K. Perry Solutia
E. Kemper EPA

@ 03-Feb-00
@ 1730

IF ADDITIONAL SPACE IS REQUIRED
RECORD ON REVERSE SIDE

William F. Wright
PRINTED NAME / SIGNATURE OF PREPARER / DATE

SAFETY MEETING FORM

(Sediment Sampling)

CONDUCTED BY / COMPANY WE Wright / Brien & Vere DATE 02-03-00

PROJECT NAME Solutia - Sauget Areal PROJECT LOCATION Sauget

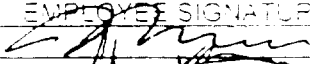
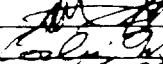
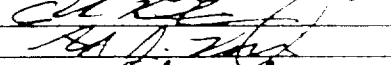
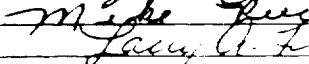
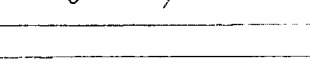
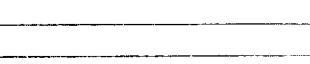
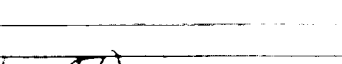
WEATHER Cloudy 35 - 0 F PRECIPITATION none TEMPERATURE

NUMBER OF HOURS WORKED — 48 NUMBER OF EMPLOYEES 5

1. SCHEDULED WORK
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION
5. COMMENTS

- ① Sediment sampling
- ② FSP # 5.20 HASP # 2.9
- ③ Potential contact with impacted sediment + water, breathing of impacted vapors; slips / trips / falls into water or down the bank, muscle strain
- ④ PPE is level D with rubber boots or waders (depending on creek conditions) pants, trucks or aprons during sampling, chemical resistant gloves, air monitoring in breathing zone using the PID, life vests in water over 2 ft deep
- ⑤ Segregate wastes, gross equip. decon before leaving creek, drive with caution in the area, smoking in support vehicles only

ATTENDANCE

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE
MARK GREEN	
Demetrius Hampton	
COLIN WELLENBANK	
CHAD KRIETER	
Adam Koss	
Mike Reese	
LARRY A. FLINN	

OVERALL
2 R 1
2 E 1
OBS
OBS
OBS
OBS
OBS

CC: K. Perry
+
E. Kemper @ 03-Feb-00
1730

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

William E. Wright / Phillip E. Wright
PRINTED NAME / SIGNATURE OF PREPARED

February 3, 2000
DATE

DATE VISITED FOR _____
 COUNTY AREA _____
 (Please Print)

попечительница

[illegible][illegible]

SITE VISITOR LOG

Solutia Inc.

Sauget Area 1

(Please Print)

[illegible]

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	102
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	4 February, 00
	CONTRACT NO.	
CONTRACTOR O'Brien Gere	WEATHER	Cloudy, Temp. 42°F
CQC Inspection phases attended and instruction given: 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location. 2) Sediment Sampling: OBG collected surface water samples from Prairie Dupont Creek 3) Background Sampling: Complete		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. 1) None		
Verbal instruction given to contractor: (Include names, reactions and remarks) 1) None		
Has anything developed on the work, which might lead to a change order or finding of fact? NO <u>YES</u> 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70. 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area. 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.		
Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc. 1) None		

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

INSPECTORS'S SIGNITURE

DATE

SUPERVISOR'S
INITIALS

DATE



02-04-00

DAILY WORK LOG

DATE 04 FEB 00

PROJECT NAME Solutia - Sauge + Area 1 PROJECT LOCATION Old Prairie du Port Creek

WEATHER partly cloudy PRECIPITATION flurries a.m. TEMPERATURE -33°F

NUMBER OF HOURS WORKED 5.8 NUMBER OF EMPLOYEES 7

1. ITEMS WORKED ON (ITEM NO. DESCRIPTION STA TO STA FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS

- ① • Collected surface water samples upstream + downstream of Dead Creek in Old Prairie du Port Creek; also collected MS, MSD, + FD samples for surface water
- Collected equip. blank for sed. sampling in Old Prairie du Port Creek
- Performed sed. depth measurements in Old P. Creek downstream of Dead Creek - unable to get recovery for a sample at thickest sed. location

- ② None
- ③ None
- ④ None

- ⑤ See visitors log

- ⑥ Samp equip, H&S equip, monitoring equip, support vehicles

- ⑦ None
- ⑧ None
- ⑨ None

cc: K. Perry 04 FEB 00
E. Kemper @ 1700

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Hardink / DE Hardink / 04 FEB 00
PRINTED NAME / SIGNATURE OF PREPARER / DATE

WORK FORECAST

Work Forecast for the day week: 07 FEB 00

Date: 04 FEB 00

Project Name: Solutia - Saugeat Area 1 Project Location: Old Prairie du Pont Crk

Company Name: O'Brien + Gere

1. List Work Items and Locations Scheduled for Next Day Week:

- Collect sed. samples in Old Prairie du Pont Creek
- Prepare for trenching activities

CC: K. Perry 04 FEB 00
E. Kemper C 1700

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Hardin / DT Jones 04 FEB 00
Name/Signature/Date of Preparation

WORK FORECAST

Work Forecast for the (day) week: 04-Feb-00

Date: 03-Feb-00

Project Name: Sagehen Area 1

Project Location: Sagehen IL

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day Week:

• Hold prep. insp. mtgs. for surface water + sed. sampling
in Old Prairie du Pont Creek

• Begin surface water and sed. sampling in Old Prairie du Pont
Creek

cc: K. Perry 04 Feb 00

E. Kemper c 0845

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Henderson / DE Henderson 7 / 04 Feb 00
Name: Signature: Date of Preparer

WORK FORECAST

Work Forecast for the day/week: 07 FEB 00

Date: 04 FEB 00

Project Name: Solutra - Saugut Area 1

Project Location: Fill areas

Company Name: O'Brien + Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

- Begin boundary test trenching at Site N
- Begin interior trenching in fill areas ; conduct prep. inspection mtg. for interior trenching

cc: K. Perry 04 FEB 00
E. Kemper @ 1015

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Havendine/DE Havendine 04 FEB 00
Name/Signature/Date of Preparer

PREPARATORY INSPECTION MEETING (Page 1/2)

Conducted by/Company: DE Harvardink / O'Brien + Gere Date: 04 FEB 00
 Project Name: Solutra - Saugat Area Task: Sediment Sampling - broad scan

1. Scheduled Work: see below
2. Equipment, Procedures, Personnel: " "
- ③ Ref. To App. Sec. of FSP/HASP: FSP # 5.20.4 / HASP # 2.9
4. Issues that could arise and how to resolve: see below
5. Solutra comments: " "
6. EPA comments: " "

- ① Sediment sampling for broad-scan analyses upstream and downstream of the confluence of Dead Creek and Old Prairie du Pont Creek, in OPDPC
- Collect 1 sample ~200' ^{upstream} ~~at~~ of confluence and ~200' ^{downstream} ~~at~~ of confluence for 2 total sediment samples
 - Perform sed. depth measurements $\frac{1}{2}$ channel at 3 locations at each collection point; sample collected from ~~thickest~~ ^{thickest} sed. profile; ~~refusal of manual push~~ ^{sed. color change} used to ID bottom of sed.; channel cross-section surveyed at each samp. location

- ② ^{3" dia.} ~~Small diameter~~ clear tubes manually driven into sed. to ID sed. ~~profile~~ ^{depth}; 3" dia. clear tubes manually driven to collect samples; waders, boat, ladder as needed to access samp. locations; samp. ^{down} ~~up~~stream before ~~up~~ ^{down}stream as feasible; gross decan w/water before exiting
- ODG samp. personnel + Zambrana surveying personnel

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
A. J. Kars	<i>A. J. Kars</i>	OBG
Mike Reece	<i>Mike Reece</i>	OBG
CHAD KRISTEN	<i>Chad Kristen</i>	OBG
Kenneth J. Perry	<i>Kenneth J. Perry</i>	Solutra

cc: K. Perry 04 FEB 00
 E. Kemper @1700

IF ADDITIONAL SPACE IS REQUIRED,
 RECORD ON REVERSE SIDE

DE Harvardink / DE Zambrana
 PRINTED NAME/ SIGNATURE OF PREPARER
04 FEB 00
 DATE



SUBJECT

Prep. Insp. Mtg. (continued)

PAGE

2/2

BY

DEH

DATE

07 FEB 2006

JOB NUMBER:

Sed. Sampling - broad scan

③ see page 1

④ Issues:

- refusal due to non-sediment, obstructions, etc.

resolve by selecting an adjacent location and re-try; or use pick to break through obstruction

- insufficient volume for sample

resolve by pushing down in adjacent location to collect additional volume from same depth

⑤ Solutta comments

sample tubes disconnected with Alonox scrub, probable water issue, multiple rinses w/ DI water

⑥ EPA comments

none

PREPARATORY INSPECTION MEETING

Conducted by/Company: DE Haversdink / O'Brien + Gere Date: 04 FEB 00
 Project Name: Solutia E. Sanget Area 1 Task: Surf. water samp. - Old Prairie ditch

1. Scheduled Work: see below
2. Equipment, Procedures, Personnel: " "
3. Ref. To App. Sec. of FSP/HASP: FSP # 5.21 ; HASP # 2.9
4. Issues that could arise and how to resolve: see below
5. Solutia comments: " "
6. EPA comments: " "

- ① Collect 2 surface water samples in Old Prairie du Port Creek, one 200' upstream of Dead Creek and one 200' downstream of Dead Creek
- ② Peristaltic pump, tubing, sample containers, ~~titration not needed~~, collect sample w/ tubing submerged at 60% ~~depth~~ of water depth below top of water, purge w/ peristaltic pump for 5 min., collect sample into containers downstream

③ see above

④ Issues: None

⑤ ~~None~~ none

⑥ none

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
William E. Wright	<i>William E. Wright</i>	OCG
Carol L. LLENKAMP	<i>Carol L. LLENKAMP</i>	OCG
Maiborn Perry	<i>Maiborn Perry</i>	Solutia

CC: K. Perry 04 FEB 00
 E. Kemper C 1700

IF ADDITIONAL SPACE IS REQUIRED,
 RECORD ON REVERSE SIDE

DE Haversdink / DE Haversdink
 PRINTED NAME/ SIGNATURE OF PREPARED
 04 FEB 00

DATE

SAFETY MEETING FORM

(sediment sampling)
(4 surf. water samp.)DATE 04 FEB 00CONDUCTED BY / COMPANY DE Harwoodink / O'Brien & GerePROJECT NAME Solutia - Sauget ArealPROJECT LOCATION Old Prairie du Pont CreekWEATHER cloudy & windyPRECIPITATION flurriesTEMPERATURE ~26°FNUMBER OF HOURS WORKED —NUMBER OF EMPLOYEES —

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION
5. COMMENTS

① Sediment sampling & surf. water samp.② FSP # 5.20 + 5.21 HASP # 2.9③ Potential contact with impacted sediment & water; breathing of impacted vapors; slips / trips / falls into water or down the bank; muscle strain④ PPE is level D with rubber boots or waders (depending on creek conditions) vests, trucks or aprons during sampling, chemical resistant gloves, air monitoring in breathing zone using the PID, life vests in water over 2 ft. deep⑤ Segregate wastes, gross equip. decon before leaving creek, drive with caution in the area, smoking in support vehicles only

ATTENDANCE

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
William E. Wright	<i>William E. Wright</i>	O&G
Carol Vollenkamp	<i>Carol Vollenkamp</i>	O&G
Mike Beebe	<i>Mike Beebe</i>	O&G
CHAD REISTER	<i>Chad Reister</i>	O&G
Derek Roberstall	<i>Derek Roberstall</i>	Catkins P.C.
Carben J. Perry	<i>Carben J. Perry</i>	Solutia

CS: K. Pond 04 FEB 00
E. Kemper @ 1700

IF ADDITIONAL SPACE IS REQUIRED
RECORD ON REVERSE SIDE

DE Harwoodink
PRINTED NAME / SIGNATURE OF PREPARER

04 FEB 00
DATE

Solutia Inc.
Sauget Area 1
(Please Print)

[illegible]

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	103
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	7 February, 00
	CONTRACT NO.	
CONTRACTOR O'Brien Gere	WEATHER	Cloudy, Temp. 55°F
CQC Inspection phases attended and instruction given: 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location. 2) Sediment Sampling: OBG collected Sediment samples from Prairie Dupont Creek 3) Background Sampling: Complete		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. 1) None		
Verbal instruction given to contractor: (Include names, reactions and remarks) 1) None		
Has anything developed on the work, which might lead to a change order or finding of fact? NO <u>YES</u> 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70. 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area. 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.		
Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc. 1) None		

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

INSPECTORS'S SIGNITURE

DATE

SUPERVISOR'S
INITIALS

DATE

02-07-00

DAILY WORK LOG

DATE 2/7/00

PROJECT NAME SOLUTIA SAUGET PROJECT LOCATION OLD PRAIRIE CREEK

WEATHER SUNNY PRECIPITATION - TEMPERATURE 56°

NUMBER OF HOURS WORKED 4.8 NUMBER OF EMPLOYEES 5

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)

2. INSTRUCTIONS RECEIVED FROM SOLUTIA

3. INSTRUCTIONS RECEIVED FROM USEPA

4. DEVIATIONS

5. VISITORS (NAMES & TITLES)

6. EQUIPMENT

7. LUNCH MEETING COMMENTS

8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)

9. REMARKS

① COLLECTED SEDIMENT SAMPLES AT OLD PRAIRIE CREEK UP
STREAM AND 3 DOWN STREAM OF DEAD CREEK, ALSO
COLLECTED (FD) + (MSMSD)

② None

③ None

④ None

⑤ See visitors log

⑥ Support vehicles; H+S ~~vehicles~~, samp., & monitoring equip.

⑦ None

⑧ None

⑨ None

CC: K. Perry 07 FEB 00
E. Kemper C 1800

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

CHAD KRIETER CKE 2/7/00
PRINTED NAME / SIGNATURE OF PREPARER / DATE

WORK FORECAST

Work Forecast for the day week: 2/8/00 Date: 2/7/00

Project Name: Solutia - ^{Sauget} ~~Area 1~~ Project Location: Site N

Company Name: O'Brien & Gere Engineers

1. List Work Items and Locations Scheduled for Next Day Week:
Begin boundary test trenching @ Site N.

CC: K. Perry 2/7/00 @ 1800
E. Kemper 2/7/00 @ 1800

Mike Reece / Mike Reece / 2/7/00
Name/Signature/Date of Preparer

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

SAFETY MEETING FORM

(sediment sampling)
(+ trenching prep)

DATE 07 FEB 00

CONDUCTED BY / COMPANY DE Haverdink / O'Brien + Gere

PROJECT NAME Solatia - Sauget Area

PROJECT LOCATION Old Painted Post Creek; field site

WEATHER clear

PRECIPITATION none

TEMPERATURE ~35°F

NUMBER OF HOURS WORKED

NUMBER OF EMPLOYEES

1. SCHEDULED WORK:

2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP

3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK

4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION

5. COMMENTS

① Sediment sampling + sed. depth measurement ; trenching prep.

② FSP # 5.20 HASP # 2.9

③ Potential contact with impacted sediment + water ; breathing of impacted vapors ; slips / trips / falls into water or down the bank ; muscle strain

④ PPE is level D with rubber boots or waders (depending on creek conditions) vests, trucks or aprons during sampling, chemical resistant gloves, air monitoring in breathing zone using the PID, life vests in water over 2 ft. deep

⑤ Segregate wastes, gross equip. decon before leaving creek, drive with caution in the area, smoking in support vehicles only

ATTENDANCE

EMPLOYEE NAME (print)

EMPLOYEE SIGNATURE

COMPANY

Mike Jenkins

Mike Jenkins

OBG

Kimberly Perry

Kimberly Perry

Solatia

DAVE HEINE

Dave Heine

Charles PD

CHAD KRISTER

Chad Krister

OBG

Mike Reece

Mike Reece

OBG

cc: K. Perry 07 FEB 00
E. Kemper @ 1730IF ADDITIONAL SPACE IS REQUIRED
RECORD ON REVERSE SIDEDE Haverdink / DE Haverdink
PRINTED NAME / SIGNATURE OF PREPARER

07 FEB 00

DATE

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	104
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	8 February, 00
	CONTRACT NO.	
CONTRACTOR O'Brien Gere	WEATHER	Cloudy, Temp. 45°F
<p>CQC Inspection phases attended and instruction given:</p> <ol style="list-style-type: none"> 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location. 2) Sediment Sampling: Complete 3) Background Sampling: Complete 4) Boundary Trenching: OBG Conducting Boundary Trenching on Site N and will go back to Site G and do additional trenching to the South to identify the fill boundary. Excavated to approximately 12 feet deep at the North Boundary at Site N some concrete and debris an old tire no PID readings and did find native soil. 		
<p>Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.</p> <ol style="list-style-type: none"> 1) None 		
<p>Verbal instruction given to contractor: (Include names, reactions and remarks)</p> <ol style="list-style-type: none"> 1) None 		
<p>Has anything developed on the work, which might lead to a change order or finding of fact? NO <u>YES</u></p> <ol style="list-style-type: none"> 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70. 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area. 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment. 		
<p>Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.</p> <ol style="list-style-type: none"> 1) None 		

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

Mike McAteer with IEPA had a meeting with Solutia then went to witness some trenching at Site N.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S
INITIALS

DATE

02-08-00

DAILY WORK LOG

DATE 08 FEB 00

PROJECT NAME Solutia - Target Area PROJECT LOCATION Site N

WEATHER partly cloudy PRECIPITATION none TEMPERATURE ~70°F

NUMBER OF HOURS WORKED 46.5 NUMBER OF EMPLOYEES 5

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS

① Conducted prep. insp. mtg. for boundary trenching
Completed 2 trenches (N + W) on Site N

② Trenching locations approved in field by K. Perry

③ None

④ None

⑤ See visitors logs

⑥ Track loc.; support vehicles; monitoring H₂S equip.

⑦ None

⑧ None

⑨ None

cc: K. Perry 08 FEB 00
E. Kemper C 1830

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Hardesty / DE Hardesty 08 FEB 00
PRINTED NAME / SIGNATURE OF PREPARER / DATE

SAFETY MEETING FORM (Trenching)

DATE 08 FEB00

CONDUCTED BY / COMPANY DE Haversdink / O'Brien + Gere

PROJECT NAME Solutia - Sanger Area PROJECT LOCATION SEAL

WEATHER cloudy PRECIPITATION Fog TEMPERATURE -25°F

NUMBER OF HOURS WORKED — NUMBER OF EMPLOYEES —

1. SCHEDULED WORK
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION
5. COMMENTS

① Trenching in fill areas

② FSP # 5.1 HASP # 2.1, 2.11

③ Potential contact with hazardous materials and wastes ; trench caving ; breathing of impacted vapors and dust ; exposure to combustible gases ; splashing of impacted water ; slips / trips / falls ; noise

④ PPE is level C with level Bon-hand ; use safe distances moving around trench, esp. when taking photos + measurements ; air monitoring in breathing zone using PID, 4-gas, RAM ; upgrade / downgrade PPE based on air monitoring ; resp. cartridges are O₂ / P₁₀₀ ; observe exclusion + decon zones

⑤ Visitors are to sign in / out w/ Cahokia PD ; smoking limited to support vehicles outside exclusion zone ; segregate wastes ; observe lines of communication : Heritage / OBG + OBG / Solutia

ATTENDANCE

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
Nick Jenkins	Nick Jenkins	OBG
Ken Lantry	Ken Lantry	UNIVERSITY
Robert J. Perry	Robert J. Perry	Solutia
Tim TeJesca	Tim TeJesca	OBG
Edna Eric Bailey	Edna Eric Bailey #86	SHIELD N.D.
Eckhauser	Eckhauser	Heritage
Tom Dulle	Tom Dulle	Heritage
Byron Kespinger	Byron Kespinger	Heritage
Dan Hans	Dan Hans	OBG
Mike Reece	Mike Reece	OBG
JOHN PRIETER	JOHN PRIETER	OBG

CL: V. Famy 08 FEB00
L. Komper @ 1830

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Haversdink / DE Haversdink
PRINTED NAME / SIGNATURE OF PREPARER

08 FEB00
DATE

WORK FORECAST

Work Forecast for the day week: 09 FEB00

Date: 08 FEB00

Project Name: Solutia Saugat Area 1

Project Location: Site N, Site G

Company Name: O'Brien + Gere

1. List Work Items and Locations Scheduled for Next Day Week:

- Continue performing boundary test trenching on Site N
- Possibly perform boundary test trenching on Site G
(S. boundary)

CD: K. Potts

08 FEB00

E. Kemp

@ 1830

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Dr. Haverdink

Dr. Haverdink

REAR

Name/Signature/Date of Preparer

CL: K. Perry 08 FEB00
E. Kemper @ 1830

PREPARATORY INSPECTION MEETING

Conducted by/Company: DE Haverdink / O'Brien + Gere Date: 08 FEB00
Project Name: Solutia - Sanget Area 1 Task: Boundary Test Trenching - Sites N + G

1. Scheduled Work:

2. Equipment, Procedures, Personnel:

3. Ref. To App. Sec. of FSP/HASP: FSP # 5.1 , HASP # 2.1

4. Issues that could arise and how to resolve:

5. Solutia comments:

6. EPA comments:

(1) Boundary test trenching - Sites N + G (S. boundary)

(2) Track hoe w/ 20' dig depth + 40" bucket ; levels B+C PPE on-hand ; monitoring instruments ; begin trenching in "native" area , segregate top ~12" from subsurface in different piles , max. depth is ground water or as limited by ^{excessive} trench caving , trench toward fill boundary to identify non-native materials ; record trench dimensions , ID of waste sources where possible , digital photos , monitoring readings ; back fill trench in reverse order , segregate plastic

(3) See above

(4) Fill in "native" area : trench away from known fill area to find native .
Excavator sinking / shifting : workers stay clear of excavator while moving ; stay in eye contact w/ operator to approach trench + excavator
Fire , gas emission , explosion , drum rupture : workers to stay clear of trench edges , ~~observe~~ observe monitoring equip. readings , fire ext on hand for small fires

OVER →

ATTENDANCE:

EMPLOYEE NAME (print)

EMPLOYEE SIGNATURE

COMPANY

Nick Jenkins

Nick Jenkins

OBG

GEN LEE PERRY

GEN LEE PERRY

HERITAGE

Guidon 7 Perry

Guidon 7 Perry

Solutia

Lee DeGarcia

Lee DeGarcia

OBG

Eric Koyne

Eric Koyne

NEW

Tom Dulke

Tom Dulke

Heritage

Brent Kessinger

Brent Kessinger

"

Dan Haas

Dan Haas

Heritage

Mike Reece

Mike Reece

OBG

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Haverdink / O'Brien + Gere
PRINTED NAME/ SIGNATURE OF PREPARER

08 FEB00

CHAD PRIETER

CHAD PRIETER

DATE
OBG

③ Solution comments :

- record PID & other monitoring results as burning zone or as "fire" as appropriate
- lines of communication : Heritage/OBG & OBG/Solutra
- use Coheta PD as appropriate to notify authority of fire, etc.

④ EPA comments :

- Mike Akhtar & Tim Gouger may be on-site

SITE VISITOR LOG

Solutia Inc.

Sauget Area 1

(Please Print)

	Name	Organization	Phone #	Time In	Time Out
101	Kimberly Perry	Solutia	314-674-3402	0640	
102	Sam. Eric BAILEY	CANONIA P.D.	618-337-9565	0655	1700
103	Ken Lal Perry	MAVERICK		0650	
104	Dave Harerdink	OBG	314-280-6435	0705	1800
105	Mike Reece	OBG		0700	1800
106	Chad Krieter	OBG		0700	1800
107	Brent Kessinger	Heritage		0800	1800
108	Tom Dulle	Heritage		0800	1800
109	DAN WARD	Heritage	314-733-3500	0800	1800
110	Tim Tadese	OBG	314-280-6423	0720	1800
111	Nick Jenkins	OBG	314-842-4550	1000	1800
112	Erk	PCU		830	1800

Site 1

boundary test + financing

[illegible]


INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	105
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	9 February, 00
	CONTRACT NO.	
CONTRACTOR O'Brien Gere	WEATHER	Sunny, Temp. 72°F
CQC Inspection phases attended and instruction given: <ol style="list-style-type: none"> 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location. 2) Sediment Sampling: Complete 3) Background Sampling: Complete 4) Boundary Trenching: OBG Conducting Boundary Trenching on Site N, finished boundary trenching to the south and west today. OBG will go back to Site G and do additional trenching to the South to identify the fill boundary. 		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. <ol style="list-style-type: none"> 1) Received Magnetometer and Soil Gas Survey maps today from Solutia. These will be used to determine the locations for the interior Waste Trenching. 		
Verbal instruction given to contractor: (Include names, reactions and remarks) <ol style="list-style-type: none"> 1) None 		
Has anything developed on the work, which might lead to a change order or finding of fact? NO <u>YES</u> <ol style="list-style-type: none"> 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70. 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area. 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment. 		
Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc. <ol style="list-style-type: none"> 1) None 		
Information, instructions or actions taken not covered on QCR report or disagreement: <ol style="list-style-type: none"> 1) None 		

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

Gouger mobilizes to site today. Erik Kemper demobilizes after today, 2/9/00 to attend Weston training.

INSPECTORS'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	02-09-00		

DAILY WORK LOG

DATE 09 FEB 00

PROJECT NAME Solutia - Sanger Area 1 PROJECT LOCATION Site N

WEATHER Clear PRECIPITATION none TEMPERATURE ~62°F

NUMBER OF HOURS WORKED 46.5 NUMBER OF EMPLOYEES 5

1 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)

2 INSTRUCTIONS RECEIVED FROM SOLUTIA

3 INSTRUCTIONS RECEIVED FROM USEPA

4 DEVIATIONS

5 VISITORS (NAMES & TITLES)

6 EQUIPMENT

7 LUNCH MEETING COMMENTS:

8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)

9 REMARKS:

- ① • Completed 2 boundary test trenches on Site N (S. + G.)
- Started interior trenching location on Site N
- Prepared for future activities

② None

③ None

④ None

⑤ See visitors logs

⑥ Track hoe, H-S ~~excavator~~, monitoring equip., support vehicles

⑦ None

⑧ None

⑨ None

CE: K. Perry 09 FEB 00

E. Kasper 2/1/00

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Hardink / 09 FEB 00
PRINTED NAME / SIGNATURE OF PREPARER / DATE

WORK FORECAST

Work Forecast for the (day) week: 10 FEB00

Date: 09 FEB00

Project Name: Solutia - Saugee Area

Project Location: Site N

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

- Perform prep. insp. mtg. for interior trenching
- Begin interior trenching at Site N
- Mobilize interior trenching equip. to Site N
- Lay out interior trenching locations at remaining sites
- Dump soil into rolloff from drums at Judith Ln staging area

cc: K. Perry 09 FEB00
E. Kemper @ 1800

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DeHavardink / D. DeHavardink / 09 FEB00
Name/Signature/Date of Preparer

WORK FORECAST

Work Forecast for the day/week: 14 FEB00

Date: 09 FEB00

Project Name: Solutra - Sargat Area 1

Project Location: G.H. I

Company Name: O'Brien + Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

- Continue interior trenching at remaining sites
- Perform prep insp. mtg. for alluvial aquifer sampling
- Begin alluvial aquifer sampling activities

CC: K. Perry 09 FEB00

E. Kasper C 1800

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Howardink / DE Howardink 09 FEB00
Name/Signature/Date of Preparer

Solutia Inc.
Sauget Area 1
(Please Print)

[illegible]

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	106
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	10 February, 00
	CONTRACT NO.	
CONTRACTOR O'Brien Gere	WEATHER	Cloudy, Temp. 60°F
<p>CQC Inspection phases attended and instruction given:</p> <ol style="list-style-type: none"> 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location. 2) Sediment Sampling: Complete 3) Background Sampling: Complete 4) Boundary Trenching (Follow up Inspection): OBG Conducting Boundary Trenching on Site N, finished boundary trenching to the south and west today. OBG will go back to Site G and do additional trenching to the South to identify the fill boundary. 5) Waste Source Trenching (Preparatory Inspection). OBG performed a preparatory inspection for waste source trenching today. Inspection was good. USACE provided comments concerning identifying and documenting label information on exhumed drums, containers, etc for cost recovery actions and to identify source of greatest magnetic anomaly before backfilling commences for any site. Solutia and OBG concurred with the input. 		
<p>Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.</p> <p>1) Follow Up Inspection (Waste Depth Trenching). Asked OBG to take digital photographs of bottom of excavation at Site N, which they did. Also, asked OBG if they took HNU or PID readings of exhumed stockpile as we smelled some off gas upon approaching the site. They indicated they had not to at the time. Lastly, several (about 6) smashed drums were removed from the excavation, the containers were empty. At least one drum had detectable readings on HNU\PID instruments. Do not know the results of remainder of barrels.</p>		
<p>Verbal instruction given to contractor: (Include names, reactions and remarks)</p> <p>1) None</p>		
<p>Has anything developed on the work, which might lead to a change order or finding of fact? NO <u>YES</u></p> <ol style="list-style-type: none"> Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70. As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area. Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment. 		

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not covered on QCR report or disagreement:


1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

McAteer joins Gouger today for follow up inspection on waste source trenching. Assists in photographing the activity.

INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	02-10-00		

DAILY WORK LOG

DATE 10 FEB 00

PROJECT NAME Solutia-Sauger Area 1 PROJECT LOCATION Site N, Judith Ln.

WEATHER cloudy PRECIPITATION none a.m. light rain TEMPERATURE -62°F

NUMBER OF HOURS WORKED 56 NUMBER OF EMPLOYEES 6

- 1 ITEMS WORKED ON (ITEM NO. DESCRIPTION STA TO STA FOREMAN)
- 2 INSTRUCTIONS RECEIVED FROM SOLUTIA
- 3 INSTRUCTIONS RECEIVED FROM USEPA
- 4 DEVIATIONS
- 5 VISITORS (NAMES & TITLES)
- 6 EQUIPMENT
- 7 LUNCH MEETING COMMENTS
- 8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
- 9 REMARKS:
 - ① • Performed prep. insp. mtg. for interior trenching
 - Completed interior trench at Site N
 - Mobilized interior trenching equipment to Site L
 - Staked trenching location at Site L
 - Dumped soil from drums into roll-off at Judith Ln.
 - ② K. Perry approved field location of interior trench at Site N
 - ③ None
 - ④ None
 - ⑤ See visitors logs
 - ⑥ Track hoe, support vehicles, drum dump equip, H&S equip., monitoring equip.
 - ⑦ None
 - ⑧ None
 - ⑨ None

LC: K. Perry 10 FEB 00
E. Fehrer @ 1900

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Howardink / DE Howard 10 FEB 00
PRINTED NAME / SIGNATURE OF PREPARER / DATE

cc: K. Perry 10 FEB 00
E. Kasper 2/19/00

PREPARATORY INSPECTION MEETING

Conducted by/Company: DE Haverdink / O'Brien + Gere Date: 10 FEB 00
Project Name: Solutia - Sanget Area 1 Task: Buried drum/tank ID (interior trenching)

1. Scheduled Work:
2. Equipment, Procedures, Personnel:
3. Ref. To App. Sec. of FSP/HASP: FSP # 5.5 ; HASP # 2.1, 2.11
4. Issues that could arise and how to resolve:
5. Solutia comments:
6. EPA comments:

- ① Buried drum & tank ID (interior trenching)
- ② Track hoe w/ 20' dig depth & 40" bucket, over pack drums, levels B+C PPE, monitoring instruments; segregate top ~ 12" from subsurface soil on different piles, max. ^{times} depth is groundwater or as limited by soil stability, trench will be advanced to identify source of magnetic anomaly; intact drums will be removed and over packed, except drums which ~~are~~ are bulging, ~~are~~ have visible holes, are greater than 10-15' deep, have visible DOD labels, are not able to be over packed; record: trench dimensions, ID of waste sources where possible, digital photos, monitoring readings; back fill in reverse order of removal, segregate plastic; minimize handling/disturbance of drums; trench locations scaled from distributed maps
- ③ see above
- ④ Excavator sinking/shifting: workers stay clear of excavator while moving; stay in eye contact w/ operator to approach trench & excavator
Fire, gas emission, drum rupture, explosion: workers stay clear of trench edges, OVER-

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
CHADRIETER		OBT
Mike Reece	Mike Reece	OBC
Tim Tedesco	Tim P. U.	OBC
Brent Kessinger	Brent Kessinger	
Tom Dulle		AES
Tim Gouger	Tim Gouger	WACE
Kimberly Perry		Solutia
Ken LAFFERTY		MOOREPICK

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Haverdink / DE Haverdink
PRINTED NAME/ SIGNATURE OF PREPARER
10 FEB 00

DATE

NICK JENKINS

005 G

(4) (continued)

observe monitoring equip. readings, fire ext. on-hand for small fires, radio contact w/ PD for notification of proper authorities for emergency response, Heritage to deal with manageable spill response

(5) Solanta comments:

- No open trenches or un-curbed ditches left on site overnight
- Level B available for OBC + Heritage

(6) EPA comments:

- trenches to begin in area of highest magnetic anomaly area and proceed ~~straight~~ away from it
- re-emphasis of importance of documentation of waste sources and items recovered

SAFETY MEETING FORM

(Trenching; drum dump)

by indicator

DATE 10 FEB 00

CONDUCTED BY / COMPANY DE Haverdink / O'Brien & Gere

PROJECT NAME Solutia - Sargent Area 1

PROJECT LOCATION Site N, Judith Ln.

WEATHER cloudy

PRECIPITATION light rain off/on

TEMPERATURE ~50°F

NUMBER OF HOURS WORKED

NUMBER OF EMPLOYEES

- 1 SCHEDULED WORK
- 2 REFERENCES TO APPROPRIATE SECTION OF FSP & HASP
- 3 HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK
- 4 SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION
- 5 COMMENTS

- ① Trenching in fill areas; dump of soil drums @ Judith Ln.
- ② FSP # ~~2.1~~ 5.5 HASP # 2.1, 2.11
- ③ Potential contact with hazardous materials and wastes; trench caving; breathing of impacted vapors and dust; exposure to combustible gases; splashing of impacted water; slips/trips/falls; noise; drum rupture
Punctured fingers/toes; slips/trips/falls; muscle strain; splashing of drummed materials
- ④ PPE is Level C with Level B on-hand; use safe distances moving around trench, esp. when taking photos + measurements; air monitoring in breathing zone using PID, 4-gas, RAM; upgrade/downgrade PPE based on air monitoring; resp. cartridges are O₂/P₁₀₀; observe exclusion + decon zones; Heritage in Level B to ~~overpack drums~~ remove and overpack drums
Level D for drum dump
- ⑤ Visitors are to sign in/out w/ Cahokia PD; smoking limited to support vehicles outside exclusion zone; segregate wastes; observe lines of communication: Heritage/OBG + OBG/Solutia

ATTENDANCE

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
CHAD KRIETER		OBG
Mike Reece		OBG
Jim Tedesco		OBG
DALE MILTON		HERITAGE
Brent Kessinger		"
Tam Dulle		"
Keith Bowles		Cahokia PD
Tim Gouger		USACE
Garrett Jones		Solutia
Ken LEEFERTY		MOORE RICK
Nick Jenkins		OBG

CC: K. Pomy 10 FEB 00
E. Hamper @ 1900

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Haverdink / DE Haverdink
PRINTED NAME / SIGNATURE OF PREPARER

10 FEB 00
DATE

WORK FORECAST

Work Forecast for the day/week: 11 FEB 00

Date: 10 FEB 00

Project Name: Solara - Sunset Area

Project Location: Site L

Company Name: DBG

1. List Work Items and Locations Scheduled for Next Day Week:

- Perform interior trenching at Site L
- Mobilize trenching equip. to Site G

CC: K. Perry 10 FEB 00

E. Kemper 01900

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Haversink / DE Haversink / 10 FEB 00
Name/Signature/Date of Preparer

Solutia Inc.
Sauget Area 1
(Please Print)

[illegible]

Solutia Inc.
Sauget Area 1
(Please Print)

Site N
interior trenching

[illegible]

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	107
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	11 February, 00
	CONTRACT NO.	
CONTRACTOR O'Brien Gere	WEATHER	Cloudy, Temp. 35°F
CQC Inspection phases attended and instruction given:		
<p>1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.</p> <p>2) Sediment Sampling: Complete</p> <p>3) Background Sampling: Complete</p> <p>4) Boundary Trenching (Follow up Inspection): OBG will go back to Site G and do additional trenching to the South to identify the fill boundary.</p> <p>5) Waste Source Trenching (Preparatory Inspection). OBG performed a preparatory inspection for waste source trenching today. Inspection was good. USACE provided comments concerning identifying and documenting label information on exhumed drums, containers, etc for cost recovery actions and to identify source of greatest magnetic anomaly before backfilling commences for any site. Solutia and OBG concurred with the input.</p>		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.		
<p>1) Follow Up Inspection (Waste Depth Trenching). OBG moved to Site L to begin interior Waste Trenching. Several drums pieces were located but were not removed OBG took Digital photos of the trench and its contents. Tim Gouger and Mike McAteer asked if they could get copies of the pictures and they were told they would.</p>		
Verbal instruction given to contractor: (Include names, reactions and remarks)		
<p>1) None</p>		
Has anything developed on the work, which might lead to a change order or finding of fact?		
<p>1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.</p> <p>2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.</p> <p>3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.</p>		
Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.		
<p>1) None</p>		

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

McAteer joins Gouger today for follow up inspection on waste source trenching. Assists in photographing the activity.

INSPECTORS' S SIGNITURE

DATE

SUPERVISOR'S
INITIALS

DATE

02-11-00

DAILY WORK LOG

DATE 11 FEB 60

PROJECT NAME Solutia - Sarge + Areal PROJECT LOCATION L & G

WEATHER cloudy PRECIPITATION none TEMPERATURE ~34°

NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES

- | | |
|---|---|
| 1 | ITEMS WORKED ON (ITEM NO. DESCRIPTION STA TO STA FOREMAN) |
| 2 | INSTRUCTIONS RECEIVED FROM SOLUTIA |
| 3 | INSTRUCTIONS RECEIVED FROM USEPA |
| 4 | DEVIATIONS |
| 5 | VISITORS (NAMES & TITLES) |
| 6 | EQUIPMENT |
| 7 | LUNCH MEETING COMMENTS |
| 8 | UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) |
| 9 | REMARKS |

- ① Completed interior trenching at Site L
Mobilized trenching equip. to Site G
~~Staked~~ Staked trenches at Sites G and H
- ② ~~None~~ R. Perry approved interior trench location on Site L
- ③ None
- ④ None
- ⑤ See visitors logs
- ⑥ Track hoe, H+S equip., monitoring equip., support vehicles
- ⑦ None
- ⑧ None
- ⑨ None

cc: K. Perry 11 Feb 2000
E. Kemper @ 1700

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Haverdink / S. Z. Haverdink / 11 FEB 2000
PRINTED NAME / SIGNATURE OF PREPARER / DATE

SAFETY MEETING FORM (Trenching)

CONDUCTED BY / COMPANY: DE Haverdink / O'Brien + Gere DATE 11 FEB 00
 PROJECT NAME Solutia - Sargent Area 1 PROJECT LOCATION Site L
 WEATHER overcast PRECIPITATION none TEMPERATURE ~34°F
 NUMBER OF HOURS WORKED — NUMBER OF EMPLOYEES —

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION
5. COMMENTS

- ① Trenching in fill areas
- ② FSP # ~~5.5~~, 5.5 HASP # 2.1, 2.11
- ③ Potential contact with hazardous materials and wastes; trench caving; breathing of impacted vapors and dust; exposure to combustible gases; splashing of impacted water; slips/trips/falls; noise
- ④ PPE is level C with level B on-hand; use safe distances moving around trench, esp. when taking photos + measurements; air monitoring in breathing zone using PID, 4-gas, RAM; upgrade/downgrade PPE based on air monitoring; resp. cartridges are O/P100; observe exclusion + decon zones; Heritage in level B to remove + overpack drums
- ⑤ Visitors are to sign in/out w/ Cahokia PD; smoking limited to support vehicles outside exclusion zone; segregate wastes; observe lines of communication: Heritage/DBG + DBG/Solutia

ATTENDANCE

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
Linden Perry		Solutia
Ken Lafferty		MAURICK
Scott A. Baker		Cahokia Police
CHAD KRIETER		DBG
Mike Reece		DBG
Brent Kessinger		HES
Tom Nulle		HES
Jim Leussink		DBG

CC K. Pally 11 FEB 00
 E. Kemper C 1700

IF ADDITIONAL SPACE IS REQUIRED,
 RECORD ON REVERSE SIDE

DE Haverdink / D. Haverdink
 PRINTED NAME / SIGNATURE OF PREPARER

11 FEB 00
 DATE

WORK FORECAST

Work Forecast for the day week: 14 FEB00

Date: 11 FEB00

Project Name: Solutia - Saugee Area

Project Location: G

Company Name: O'Brien + Gere

1. List Work Items and Locations Scheduled for Next Day Week:

- Perform interior trenching at Site G
- Set up for boundary trenching (S. boundary) at Site G
- Mobilize equipment to Saugee/Cahokia for alluvial aquifer sampling activities

cc: K. Perry 11 FEB00
E. Kemper C. 1700

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DeHavensdink / DeHavensdink / 11 FEB00
Name/Signature/Date of Preparer

**Solutia Inc.
Sauget Area 1
(Please Print)**

[illegible]

Solutia Inc.
Sauget Area 1
(Please Print)

Site L
interior trenching

[illegible]

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	108
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	14 February, 00
	CONTRACT NO.	
CONTRACTOR O'Brien Gere	WEATHER	Cloudy, Temp. 38°F
CQC Inspection phases attended and instruction given:		
1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location. 2) Sediment Sampling: Complete 3) Background Sampling: Complete 4) Boundary Trenching (Follow up Inspection): OBG will go back to Site G and do additional trenching to the South to identify the fill boundary. 5) Waste Source Trenching (Preparatory Inspection). Inspection was good. USACE provided comments concerning identifying and documenting label information on exhumed drums, containers, etc for cost recovery actions and to identify source of greatest magnetic anomaly before backfilling commences for any site. Solutia and OBG concurred with the input.		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.		
1) Follow Up Inspection (Waste Depth Trenching). OBG moved to Site G to begin interior Waste Trenching. Several drums pieces were located but were not removed. One partial drum contained some solid material which when exposed to air began to react and started smoking. The drum was photographed then covered with soil.		
Verbal instruction given to contractor: (Include names, reactions and remarks)		
1) None		
Has anything developed on the work, which might lead to a change order or finding of fact?		
<div style="text-align: right;">NO <u>YES</u></div> 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70. 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area. 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.		
Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.		
1) None		

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

Kemper returned to the site and Gouger back to Omaha. McAteer is working with Solutia and Cerro on gaining access for trenching on Site I

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S
INITIALS

DATE

02-14-00

DAILY WORK LOG

DATE 02-14-00

PROJECT NAME Solutia-Sanget Area 1

PROJECT LOCATION Site G

WEATHER 37°F, overcast

PRECIPITATION N/A

TEMPERATURE 37°F

NUMBER OF HOURS WORKED 39

NUMBER OF EMPLOYEES 5

- 1 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)
- 2 INSTRUCTIONS RECEIVED FROM SOLUTIA
- 3 INSTRUCTIONS RECEIVED FROM USEPA
- 4 DEVIATIONS
- 5 VISITORS (NAMES & TITLES)
- 6 EQUIPMENT
- 7 LUNCH MEETING COMMENTS
- 8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
- 9 REMARKS

① Completed interior trench at Site G
Staked alluvial aquifer samp. locations on site H&I

② None

③ None

④ None

⑤ See visitor logs

⑥ Track hoe, H&S equip., monitoring equip., support vehicles & equip.

⑦ None

⑧ None

⑨ None

cc: K. Perry 14 FEB 00
E. Kemper @ 1730

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Haversdink / DE Haversdink 14 FEB 00
PRINTED NAME / SIGNATURE OF PREPARER / DATE

SAFETY MEETING FORM (Trenching)

DATE 14 FEB 00

CONDUCTED BY / COMPANY DE Haverdink / O'Brien + Gere

PROJECT NAME Solutia - Sargent Area 1 PROJECT LOCATION Site G

WEATHER overcast PRECIPITATION foggy TEMPERATURE ~35°F

NUMBER OF HOURS WORKED — NUMBER OF EMPLOYEES —

- 1 SCHEDULED WORK:
- 2 REFERENCES TO APPROPRIATE SECTION OF FSP & HASP
- 3 HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK
- 4 SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION
- 5 COMMENTS

- ① Trenching in fill areas
- ② FSP # 5.5 HASP # 2.1, 2.11
- ③ Potential contact with hazardous materials and wastes; trench caving; breathing of impacted vapors and dust; exposure to combustible gases; splashing of impacted water; slips/trips/falls; noise
- ④ PPE is level C with level B on-hand; use safe distances moving around trench, esp. when taking photos + measurements; air monitoring in breathing zone using PID, 4-gas, RAM; upgrade/downgrade PPE based on air monitoring; resp. cartridges are O/P100; observe exclusion + decon zones; Heritage in level B to remove / cut pack drums
- ⑤ Visitors are to sign in/out w/ Cahokia PD; smoking limited to support vehicles outside exclusion zone; segregate wastes; observe lines of communication: Heritage/OBG + OBG/Solutia

ATTENDANCE

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
<u>Timothy J. Perry</u>	<u>[Signature]</u>	<u>Solutia</u>
<u>Brent Kessinger</u>	<u>[Signature]</u>	<u>HES</u>
<u>Tom Dulle</u>	<u>[Signature]</u>	<u>HES</u>
<u>Jim McDermott</u>	<u>[Signature]</u>	<u>OBG</u>
<u>Keith Bowers</u>	<u>[Signature]</u>	<u>CAHOOKIA PD</u>
<u>Ken Afferty</u>	<u>[Signature]</u>	<u>MAVERICK</u>
<u>Nick Jenkins</u>	<u>[Signature]</u>	<u>OBG</u>
<u>William E. Wright</u>	<u>[Signature]</u>	<u>OBG</u>
<u>Colin Vollenkamp</u>	<u>[Signature]</u>	<u>OBG</u>

CC: K. Perry 14 FEB 00
E. Kemper @ 1730

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Haverdink / DE Haverdink
PRINTED NAME / SIGNATURE OF PREPARER

14 FEB 00
DATE

SAFETY MEETING FORM
(sediment sampling) surveying

DATE 14 FEB 00

CONDUCTED BY / COMPANY DE Harwoodink / O'Brien & Gere

PROJECT NAME Solutia - Sauget Areal

PROJECT LOCATION Dead Creek

WEATHER overcast

PRECIPITATION foggy

TEMPERATURE -35°F

NUMBER OF HOURS WORKED

NUMBER OF EMPLOYEES

- 1 SCHEDULED WORK
- 2 REFERENCES TO APPROPRIATE SECTION OF FSP & HASP
- 3 HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK
- 4 SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION
- 5 COMMENTS

① Sediment sampling - surveying

② FSP # 5.20 HASP # 2.9

③ Potential contact with impacted sediment + water; breathing of impacted vapors; slips / trips / falls into water or down the bank; muscle strain

④ PPE is level D with rubber boots or waders (depending on creek conditions) vests, trucks or aprons during sampling, chemical resistant gloves, air monitoring in breathing zone using the PID, life vests in water over 2 ft deep

⑤ Segregate wastes, gross equip. decon before leaving creek, drive with caution in the area, smoking in support vehicles only

ATTENDANCE

EMPLOYEE NAME (print)

EMPLOYEE SIGNATURE

COMPANY

Kimberly Perry
Demetrius Hampton
Tim Tedesco
Ken Cook
Ken Lafferty

[Signature]
[Signature]
L.P.W.
[Signature]

Solutia
ZET
O36
ZET
MAURICK

CC: K. Perry 14 FEB 00
E. Kemper @ 1730

IF ADDITIONAL SPACE IS REQUIRED
RECORD ON REVERSE SIDE

DE Harwoodink / DE Harwoodink
PRINTED NAME / SIGNATURE OF PREPARER

14 FEB 00

DATE

WORK FORECAST

Work Forecast for the day week: 02-15-00

Date: 02-14-00

Project Name: Solntia-Sauget Area 1

Project Location: site G

Company Name: O'Brien & Gere

I. List Work Items and Locations Scheduled for Next Day/Week:

- Perform boundary trenching at site G, on S. boundary
- Held preparatory inspection meeting for Alluvial Aquifer Sampling
- Begin Alluvial Aquifer sampling activities.

cc: K. Perry 14 Feb 00

E. Kemper @ 1730

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Nicholas E. Jenkins/Nick Jenkins/02-14-00
Name/Signature/Date of Preparer

SITE VISITOR LOG

Solutia Inc.
Sauget Area 1
(Please Print)

Date	Name	Organization	Phone #	Time In
11/11/00	Umbert Perry	Solista	314-671-7402	06:57
11/11/00	Dave Haverink	OBG	314-280-6425	06:55
11/11/00	Keith Bevens	CAHOIA PD	337-9505	07:00
11/11/00	Ken Lareaty	MAVERICK		07:05
11/11/00	Tim Edsco	ORL	314-280-6433	07:05
11/11/00	Nitarskins	ORL	314-842-4550	07:00
11/11/00	COLIN WELLENKAMP	OBG	842-4550	07:07
11/11/00	Brent Kessinger	Hes		735
11/11/00	Tom Dulle	HEC		735
11/11/00	Bill Wiegand	ORL	6250-6434	07:20
11/11/00	Jonathan Hampton	ZLI	314-664-1900	08:00
11/11/00	Ken Cook	F&I	314-664-1900	08:00
11/11/00	Enky	KEW	314-524-5225	08:00

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	109
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	15 February, 00
	CONTRACT NO.	
CONTRACTOR O'Brien Gere	WEATHER	Cloudy, Temp. 58°F
<p>CQC Inspection phases attended and instruction given:</p> <ol style="list-style-type: none"> 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location. 1) Sediment Sampling: Complete 1) Background Sampling: Complete 2) Boundary Trenching: complete (except Site I) 3) Waste Source Trenching (Preparatory Inspection). Inspection was good. USACE provided comments concerning identifying and documenting label information on exhumed drums, containers, etc for cost recovery actions and to identify source of greatest magnetic anomaly before backfilling commences for any site. Solutia and OBG concurred with the input. 4) Alluvial Aquifer Sampling (Preparatory Inspection). PVC casing to be installed 5 and 20feet below fill material prior to sampling event to minimize carry-down of contaminants during sample collection. 		
<p>Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.</p> <ol style="list-style-type: none"> 1) Follow Up Inspection (Waste Depth Trenching). Moved to Site H, OBG will begin there tomorrow. 		
<p>Verbal instruction given to contractor: (Include names, reactions and remarks)</p> <ol style="list-style-type: none"> 1) None 		
<p>Has anything developed on the work, which might lead to a change order or finding of fact? NO <u>YES</u></p> <ol style="list-style-type: none"> 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70. 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area. 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment. 		
<p>Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.</p> <ol style="list-style-type: none"> 1) None 		

Information, instructions or actions taken not covered on QCR report or disagreement:

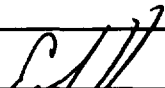
1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

In order witness first hand and to document with our own digital camera without any inconvenience to Solutia, Weston will don Level-C equipment and enter the Exclusion Zone. This was initiated per request from Mike McAteer and Tim Gouger.

INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	02-15-00		

DAILY WORK LOG

DATE 02-15-00

PROJECT NAME Sauget Area 1 PROJECT LOCATION Sauget IL
 WEATHER Partly Cloudy PRECIPITATION NONE TEMPERATURE 55°F
 NUMBER OF HOURS WORKED 48 NUMBER OF EMPLOYEES 5

- 1 ITEMS WORKED ON (ITEM NO. DESCRIPTION STA TO STA. FOREMAN)
- 2 INSTRUCTIONS RECEIVED FROM SOLUTIA
- 3 INSTRUCTIONS RECEIVED FROM USEPA
- 4 DEVIATIONS
- 5 VISITORS (NAMES & TITLES)
- 6 EQUIPMENT
- 7 LUNCH MEETING COMMENTS
- 8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC)
- 9 REMARKS:

1.) Trenching at S. to G, South boundary completed
 Emptied (pumped) drums of water at Juddville into bulk tank (5 drums)
 Set exclusion zone & mixed track hoe to center trench location
 at site "H"
 Layne arrives, gave preparatory inspection meeting; mobilized
 equipment to Site "I", setup on base hole, straightened out
 drums, drilled ± 1.5 feet; K. Perry approved alluvial aquifer
 boring locations (I+H) and location of South boundary trench

2.) ~~none~~ above

3.) none

4.) none

5.) Joe Burroughs at Site I and auto vector log for trenching

6.) truck hoe, support vehicles, H/S equip, monitoring equip; gas
 pack drill rig and support vehicles, monitoring equip

7.) none

8.) none

9.) none

CC: K. Perry

E. Kemper

@

1800, Feb 15, 2000

IF ADDITIONAL SPACE IS REQUIRED,
 RECORD ON REVERSE SIDE

William E. Wright / *William E. Wright*
 PRINTED NAME / SIGNATURE OF PREPARER / DATE

PREPARATORY INSPECTION MEETING

Conducted by/Company: William E. Wright / O'Brien & Gere Date: 02-15-00
 Project Name: Sanget Area 1 / Solatia Task: Aluminum Transfer Sampling / Casing Installation

1. Scheduled Work: install casing to 25' ~~20'~~ below fill at sites H & I
2. Equipment, Procedures, Personnel: Mud rotary rig, gas
3. Ref. To App. Sec. of FSP/HASP: FSP - Section 5.8 HASP Section 2.4
4. Issues that could arise and how to resolve: exposure to impacted soil and groundwater, slips
5. Solatia comments:
6. EPA comments:

1) Install surface casing for alluvial aquifer sampling using mud rotary drilling methods at sites H and I. PVE casing to be set at 5' and 20' below ~~fill~~ bottom of fill augg

2) Mud rotary rig, mud pits; pit, gas meter, level "E" PPE

3) FSP - Section 5.8 HASP - Section 2.4

~~4~~ exposure to impacted soils/water; vapors, combust. ble gases:

4) if refusal encountered prior to approved depth, the borehole will be grouted and the location moved

5)
6)

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
MARK T MCNAMARA	<i>Mark T McNamara</i>	Layne
Erik Kenner	<i>Erik Kenner</i>	RFU
Paul Evans	<i>Paul Evans</i>	Layne
Chris Mazdra	<i>Chris Mazdra</i>	Layne
KEN LAFFERTY	<i>Ken Lafferty</i>	MAVERICK
Tim Tedesco	<i>Tim Tedesco</i>	OBG
Kimberly Perry	<i>Kimberly Perry</i>	Solatia

IF ADDITIONAL SPACE IS REQUIRED.
 RECORD ON REVERSE SIDE

cc: K. Perry 15 FEB 00
 E. Kenner @ 1800

William E. Wright / William E. Wright
 PRINTED NAME / SIGNATURE OF PREPARER
February 15, 2000
 DATE

SAFETY MEETING FORM

(Alluvial Aquifer Casing Installation)

CONDUCTED BY / COMPANY O'Brien & Gere / William E. Wright

DATE 2-15-00

PROJECT NAME Sauget Area 1

PROJECT LOCATION Sauget, IL

WEATHER 35° Clear

PRECIPITATION none

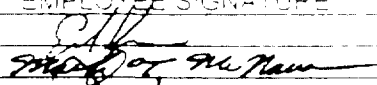

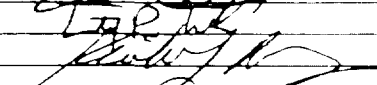
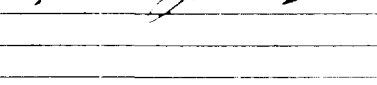

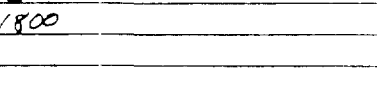
TEMPERATURE 35°F

NUMBER OF HOURS WORKED _____

NUMBER OF EMPLOYEES _____

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION
5. COMMENTS
 - 1.) Alluvial Aquifer casing installation, Site I, Run #1
 - 2.) FSP Section 5.8 HASP Section 4
 - 3.) possible contact with impacted soils/water hazards associated with the drilling rig (rotary shaft, falling objects, pinches, scrapes); slips, trips, falls; watch for vehicles at Cerro Copper
 - 4.) monitoring of breathing zone with pid and 4 gas meter; wear "C" ppe; may be downgraded dependent upon breathing zone monitoring
 - 5.) comments: smoking outside exclusion zone, in vehicles; observe all Cerro Speed Limit signs; segregate wastes as appropriate; observe exclusion zone & decontamination/reduction zone

ATTENDANCE

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
Mark T. McManara		RFU
Ben Fugate		Layne
Chris Mardra		Layne
Ben Carpenter		MAVERICK
Tim Tedesco		OBG
Robert J. Perry		Sol-Tra

cc: K. Perry 15 FEB 00
E. Kemper 2/18/00

IF ADDITIONAL SPACE IS REQUIRED
RECORD ON REVERSE SIDE

William E. Wright
PRINTED NAME / SIGNATURE OF PREPARER

February 15, 2000
DATE

SAFETY MEETING FORM (Trenching)

CONDUCTED BY / COMPANY Tim Tedesco / O'Brien & Gere

DATE 15 Feb 00

PROJECT NAME Solutia - Sargent Area 1

PROJECT LOCATION Site 6

WEATHER overcast

PRECIPITATION none

TEMPERATURE -35°F

NUMBER OF HOURS WORKED —

NUMBER OF EMPLOYEES —

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION
5. COMMENTS

① Trenching in fill areas

② FSP # 5.1 HASP # 2.1, 2.11

③ Potential contact with hazardous materials and wastes; trench caving; breathing of impacted vapors and dust; exposure to combustible gases; splashing of impacted water; slips/trips/falls; noise

④ PPE is level C with level B on-hand; use safe distances moving around trench, esp. when taking photos + measurements; air monitoring in breathing zone using PID, 4-gas RAM; upgrade/downgrade PPE based on air monitoring; resp. cartridges are O/P100; observe exclusion + decon zones, Heritage in level B to remove/overhaul drums

⑤ Visitors are to sign in/out w/ Cahokia PD; smoking limited to support vehicles outside exclusion zone; segregate wastes; observe lines of communication: Heritage/OBG + OBG/Solutia

ATTENDANCE

EMPLOYEE NAME (print)

EMPLOYEE SIGNATURE

COMPANY

Kimberly Perry
Dient Kessinger
Tom Dulle
Cavin Weller/KAMT
Jimmy Jones
Ken Carpenter
Nick Jenkins
Dave Harvink

[Signatures]
Brent Kessinger
Cavin Weller
Jimmy Jones
Ken Carpenter
Nick Jenkins
Dave Harvink

Solutia
HES
HES
OBG
CAHOKIA POLICE UNIT
MALEKICK
OBG
OBG

cc: K. Perry 15 FEB 00
E. Kempa @ 1800

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Tim Tedesco / Lty P.H.

PRINTED NAME / SIGNATURE OF PREPARER

15 Feb 00

DATE

WORK FORECAST

Work Forecast for the day/week: 02-16-00

Date: 02-15-00

Project Name: Solutia, Sargent area 1

Project Location: Site H

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

• Begin interior trenching @ site H.

• Continue installation of alluvial aquifer casing @ site I.

cc: K. Perry 15 FEB 00
E. Hooper C 1800

IF ADDITIONAL SPACE IS REQUIRED

DEKerodink / DEKerodink 15 FEB 00
Name Signature Date of Preparer

Solutia Inc.
Sauget Area 1
(Please Print)

Sites 6thH

trenching / set-up

[illegible]

Solutia Inc.
Sauget Area 1
(Please Print)

[illegible]

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	110
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	16 February, 00
	CONTRACT NO.	
CONTRACTOR O'Brien Gere	WEATHER	Cloudy, Temp. 49°F
<p>CQC Inspection phases attended and instruction given:</p> <ol style="list-style-type: none"> 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location. 2) Sediment Sampling: Complete 3) Background Sampling: Complete 4) Boundary Trenching: complete (except Site I) 5) Waste Source Trenching (Preparatory Inspection). Inspection was good. USACE provided comments concerning identifying and documenting label information on exhumed drums, containers, etc for cost recovery actions and to identify source of greatest magnetic anomaly before backfilling commences for any site. Solutia and OBG concurred with the input. 6) Alluvial Aquifer Sampling Sites H and I (Preparatory Inspection). PVC casing to be installed 5 and 20feet below fill material prior to sampling event to minimize carry-down of contaminants during sample collection. 		
<p>Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.</p> <p>1) Follow Up Inspection (Waste Depth Trenching). Site H uncovered some partial drums (no identifying labels) and a lot of what looked like house hold garbage, bricks, boards, dishes and bottles. No PID readings encountered. Weston was in the Exclusion Zone the entire time verifying what was exumed.</p>		
<p>Verbal instruction given to contractor: (Include names, reactions and remarks)</p> <p>1) None</p>		
<p>Has anything developed on the work, which might lead to a change order or finding of fact? NO <u>YES</u></p> <ol style="list-style-type: none"> 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70. 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area. 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment. 		
<p>Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.</p> <p>1) None</p>		

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

In order witness first hand and to document with our own digital camera without any inconvenience to Solutia, Weston will don Level-C equipment and enter the Exclusion Zone. This was initiated per request from Mike McAteer and Tim Gouger.

OBG will finish the Waste Trenching today and were instructed by Solutia to de-mobe the equipment and the sub. No word has come authorizing trench work on Site I. McAteer and Gouger were notified on voice mail by Kemper. Kemper received a phone call at 16:30 from Gouger and McAteer and discussed the days events briefly.

INSPECTORS'S SIGNATURE

DATE

SUPERVISOR'S
INITIALS

DATE

02-16-00

DAILY WORK LOG

DATE 2-16-2000

PROJECT NAME SOLUTIA - SAGE TAREA 1 PROJECT LOCATION SAGE T, IL

WEATHER PARTLY CLOUDY PRECIPITATION NONE TEMPERATURE 49°F

NUMBER OF HOURS WORKED 49 NUMBER OF EMPLOYEES 5

1. ITEMS WORKED ON (ITEM NO. DESCRIPTION STA TO STA FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS

1. Interior trenching of site H, demolished site H, ^{preliminarily} mapped boundary trenches for site I, drilled casing for installation of 2" well casing for alluvial aquifer sampling at site I. Casing was installed into 2" augers only. Drilled total of 37'; had to move location once due to refusal.

2. Do not mobilize for trenching at site I; K. Perry approved interior trenching location at Site H.

3. None

4. None

5. Joe Burroughs from Cerro Gordo visited casing installation area twice for the day. For site H: see SITE VISITOR LOG.

6. at site H: back-hoe, support vehicles, PPE, PID, RAM, 4-gas meter
at site I: drill rig, support vehicles, PID, & 4-gas, PPE.

7. NONE

8. NONE

9. NONE

CC: K. Perry > 2/16/00 @ 1800
E. Kemper >

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

William F. Wright / *William F. Wright* 2/16/00
PRINTED NAME / SIGNATURE OF PREPARED / DATE

SAFETY MEETING FORM

(Alluvial aquifer pump - casing installation)

DATE 02/16/00

CONDUCTED BY / COMPANY William E. Wright / Solvita & Gere

PROJECT NAME Solvita - Sunset Area 1 PROJECT LOCATION Trigo IL

WEATHER cloudy PREPARED BY none TEMPERATURE 33°F

NUMBER OF HOURS WORKED 2.2 NUMBER OF EMPLOYEES 4

1. SCHEDULED WORK
 2. REFERENCES TO APPROPRIATE SECTION OF FSP & H&SP
 3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK
 4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION
 5. COMMENTS
- 1.) Alluvial Aquifer casing installation
- 2.) FSP Section 5.8 H&SP section - 5.4
- 3.) potential contact with hazardous materials and wastes from piping along r.p. Hazards of overhead falling objects, moving parts, pressurized lines, noise, CO from exhaust and fall over, breathing of impacted dust or vapors, splashing of impacted liquid from the lining or during cleaning, slips, trips, falls
- PPE at level 1 - all employees must wear hard hats, safety glasses, gloves, and steel toe shoes. PPE based on minimum required by OSHA for trenching and shoring work.
- 4.) Smoke provided outside excavation pit with smoke detectors, have carefully observed - all employees to be notified.

ATTENDANCE		
EMPLOYEE NAME	EMPLOYEE SIGNATURE	EMPLOYEE TITLE
MARK T. McNamara	Mark T. McNamara	OWNER
Brian W. Evans	Brian W. Evans	OWNER
Chris Mazza	Chris Mazza	OWNER
Robert J. Ben	Robert J. Ben	OWNER
Ken Lafferty	Ken Lafferty	OWNER
Tim Dees	Tim Dees	OWNER
Ed Kemp	Ed Kemp	OWNER

CC: K. Perry > 2/16/00 @ 1800
E. Kemper

IF ADDITIONAL SPACE IS REQUIRED
RECORD ON REVERSE SIDE

William E. Wright / William E. Wright
PRINTED NAME / SIGNATURE OF PREPARER

February 16, 2000
DATE

CONDUCTED BY / COMPANY DE Haverdink / O'Brien
PROJECT NAME Solutia - Sargent Area PROJECT LOCATION Site H
WEATHER Cloudy PRECIPITATION None TEMPERATURE ~34°F
NUMBER OF HOURS WORKED — NUMBER OF EMPLOYEES —

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION
5. COMMENTS

- ① Trenching in fill areas
- ② FSP # ~~2.5~~ 2.5 HASP # 2.1, 2.11
- ③ Potential contact with hazardous materials and wastes; trench caving; breathing of impacted vapors and dust; exposure to combustible gases; splashing of impacted water; slips/trips/falls; noise
- ④ PPE is level C with level B on-hand; use safe distances moving around trench, esp. when taking photos + measurements; air monitoring in breathing zone using PID, 4-gas, RAM; upgrade/downgrade PPE based on air monitoring; resp. cartridges are O₂/P₁₀₀; observe exclusion + decon zones; Heritage in level B to remove + overpack drums
- ⑤ Visitors are to sign in/out w/ Cahokia PD; smoking limited to support vehicles outside exclusion zone; segregate wastes; observe lines of communication: Heritage/ORG + ORG/Solutia

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
Brent Kessinger	Brent Kessinger	HES
Tom Dulle	[Signature]	HES
Thomas R. Jackson	Thomas R. Jackson	CPD
Kimberly Perry	[Signature]	Solutia
KEN LAPPERTY	[Signature]	MAVERICK
Nick Jenkins	Nick Jenkins	ORG
ARIN LAUENKAMP	[Signature]	ORG
Tim Deese	[Signature]	ORG
Carl Hager	[Signature]	KFCJ

CC: K. Perry 16 FEB 00
E. Kampor @ 1745

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

DE Haverdink / [Signature]
PRINTED NAME / SIGNATURE OF PREPARER

WORK FORECAST

Work Forecast for the day week: 2-17-00

Date: 2-16-2000

Project Name: SOLITA-SANCT AREA 1

Project Location: SAUGET, IL

Company Name: O'BRIEN & GERE ENGINEERS, INC.

1. List Work Items and Locations Scheduled for Next Day Week:

- Complete installation of 8" surface casing at site I
- decom equipment
- Mobilize to site H.
- Begin drilling at site H for 8" surface casing for alluvial aquifer sampling.

CC: K. Polly 16 FEB 00
E. Kander @ 1800

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

William E. Wright / William E. Wright / 2/16/00
Name / Signature / Date of Preparation

Site H
interior trenching

Interior trenching

[illegible]

Solutia Inc.
Sauget Area 1
(Please Print)

[illegible]